IN THE CLAIMS:

The status of the claims is as follows. No claims are amended herein.

1.   (Previously Presented) A management system for generation of a management object model including a structured hierarchy of objects representing components of a computer system for performing management of the computer system, the management system comprising:

a processor; and

a memory coupled to the processor, wherein the memory comprises program instructions configured to implement:

component modules operable to define mappings from instrumentation of the components to objects representing those components, and

configuration modules operable to configure associations between the component modules for the generation of the management object model.

2.   (Previously Presented) The management system of Claim 1, wherein said component modules are operable to define mappings at respective different levels of abstraction.

3.   (Original) The management system of Claim 2, wherein a said component module is operable to define a mapping for a single component property at a first level of abstraction.

4.   (Original) The management system of Claim 2, wherein a said component module is operable to define a mapping for a set of component properties forming an object at a second level of abstraction.

5.   (Original) The management system of Claim 2, wherein a said component module is operable to define a mapping for an assembly of associated objects at a third level of abstraction.

6.   (Original) The management system of Claim 1, wherein a said component module for a component defines a behavior of the object representing the component.

7.   (Original) The management system of Claim 1, wherein a said configuration module is operable to configure a said component module dynamically at run time for a said component that is subject to dynamic changes in status and is further operable to monitor said component for a change in status.

8.   (Original) The management system of Claim 1, wherein a said configuration module is operable to configure a said component module statically at run time for a said component having static properties for a given invocation of the computer system.

9.   (Original) The management system of Claim 1, wherein a said configuration module is operable to configure a said component module fixedly at run time for a said component having fixed properties for any invocation of the computer system.

10.   (Original) The management system of Claim 1, comprising a library of component modules.

11.   (Original) The management system of Claim 1, wherein a said component module comprises a plug-in module.

12.   (Original) The management system of Claim 1, wherein a said component module for a component identifies an instrumentation module defining a source of instrumentation for the component.

13. (Original) The management system of Claim 12, wherein the instrumentation module exports an object-based representation of the instrumentation data via an instrumentation interface.

14. (Original) The management system of Claim 13, wherein the instrumentation module comprises a general part and a specific part, the general part being operable to communicate with the specific part via a private interface to obtain instrumentation data, and the specific part being configured to interface with instrumentation for the component to obtain said instrumentation data.

15. (Original) The management system of Claim 14, wherein the general part and the specific part are local to each other.

16. (Original) The management system of Claim 14, wherein the specific part is remote from the general part, the general part being operable to communicate with the remote part via a remote access mechanism.

17. (Original) The management system of Claim 12, comprising a library of instrumentation modules.

18. (Original) The management system of Claim 12, wherein a said instrumentation module comprises a plug-in module.

19. (Original) The management system of Claim 1, wherein the management system forms a management agent for remote management of a computer system.

20. (Previously Presented) A computer system comprising a management system for generation of a management object model including a structured hierarchy of objects representing components of the computer system for performing management of the computer system, the management system comprising:

   a processor; and

a memory coupled to the processor, wherein the memory comprises program instructions configured to implement:

        component modules operable to define mappings from instrumentation of the components to objects representing those components, and

        configuration modules operable to configure associations between the component modules for the generation of the management object model.

21.   (Previously Presented) A method for generating a management object model including a structured hierarchy of objects representing components of a computer system for performing management of the computer system, the method comprising:

        component modules defining mappings from instrumentation of the components to objects representing those components, and

        configuration modules configuring associations between the component modules for the generation of the management object model.

22.   (Original) The method of Claim 21, comprising component modules defining mappings at respective different levels of abstraction.

23.   (Original) The method of Claim 22, comprising a said component module defining a mapping for a single component property at a first level of abstraction.

24.   (Original) The method of Claim 22, comprising a said component module defining a mapping for a set of component properties forming an object at a second level of abstraction.

25.   (Original) The method of Claim 22, comprising a said component module defining a mapping for an assembly of associated objects at a third level of abstraction.

26.   (Original) The method of Claim 21, comprising a said component module for a component defining a behavior of the object representing the component.

27.   (Original) The method of Claim 21, comprising a said configuration module configuring a said component module dynamically at run time for a said component that is subject to dynamic changes in status and monitoring said component for a change in status.

28.   (Original) The method of Claim 21, comprising a said configuration module configuring a said component module statically at run time for a said component having static properties for a given invocation of the computer system.

29.   (Original) The method of Claim 21, comprising a said configuration module configuring a said component module fixedly at run time for a said component having fixed properties for any invocation of the computer system.

30.   (Original) The method of Claim 21, wherein a said component module for a component identifies an instrumentation module defining a source of instrumentation for the component.

31.   (Original) The method of Claim 30, comprising the instrumentation module exporting an object-based representation of the instrumentation data via an instrumentation interface.

32.   (Original) The method of Claim 31, comprising a general part of the instrumentation module communicating with a specific part of the instrumentation module via a private interface to obtain instrumentation data, and the specific part interfacing with instrumentation for the component to obtain said instrumentation data.

33.   (Original) The method of Claim 32, wherein the general part and the specific part are local to each other.

34.   (Original) The method of Claim 32, wherein the specific part is remote from the general part, the general part being operable to communicate with the remote part via a remote access mechanism.

35.   (Previously Presented) A computer readable storage medium comprising a computer program for generation of a management object model including a structured hierarchy of objects representing components of a computer system for performing management of the computer system, the computer program including computer-executable instructions, which, when loaded onto the computer system comprising a processor and a memory, provide component modules operable to:

define mappings from instrumentation of the components to objects representing those components, and

wherein the computer-executable instructions further provide configuration modules operable to configure associations between the component modules for the generation of the management object model.